

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 6, 2005, 05:40:15 ; Search time 6738 Seconds
(without alignments)
115.061 Million cell updates/sec

Title: US-09-888-164-29

Perfect score: 16
Sequence: 1 aaagcaccacaagca 16

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4708233 seqs, 24227607955 residues

Word size : 0

Total number of hits satisfying chosen parameters: 9416466

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: listing first 1000 summaries

Database :

GenEmbl:*
1: gb_da:*
2: gb_hlg:*
3: gb_in:*
4: gb_cm:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_scs:*
12: gb_sy:*
13: gb_un:*
14: gb_vl:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	16	100.0	16	A66874	A66874 Sequence 41
2	16	100.0	16	I55199	I55199 Sequence 48
3	16	100.0	16	AR271346	AR271346 Sequence
4	16	100.0	16	AR488376	AR488376 Sequence
5	16	100.0	18	A66882	A66882 Sequence 49
6	16	100.0	18	I65373	I65373 Sequence 22
7	16	100.0	18	AR488384	AR488384 Sequence
8	16	100.0	19	I65372	I65372 Sequence 21
9	16	100.0	19	I65376	I65376 Sequence 25
10	16	100.0	20	A18805	A18805 oligonucleo
11	16	100.0	20	A18806	A18806 oligonucleo
12	16	100.0	20	AR086981	AR086981 Sequence
13	16	100.0	20	E08672	E08672 PCR primer
14	16	100.0	21	AR086970	AR086970 Sequence
15	16	100.0	21	I55196	I55196 Sequence 45
16	16	100.0	21	I55198	I55198 Sequence 47
17	16	100.0	21	I92344	I92344 Sequence 5
18	16	100.0	21	AR271343	AR271343 Sequence
19	16	100.0	21	AR271345	AR271345 Sequence

C 20	16	100.0	23	A18804	A18804 oligonucleo
C 21	16	100.0	23	AR000182	AR000182 Sequence
C 22	16	100.0	23	E09725	E09725 Primer OAL4
C 23	16	100.0	23	AX250613	AX250613 Sequence
C 24	16	100.0	44	I65370	I65370 Sequence 19
C 25	16	100.0	44	I65371	I65371 Sequence 20
C 26	16	100.0	50	AR000194	AR000194 Sequence
C 27	16	100.0	61	AR279728	AR279728 Sequence
C 28	16	100.0	62	I23307	I23307 Sequence 10
C 29	16	100.0	72	AR028629	AR028629 Sequence
C 30	16	100.0	81	I92348	I92348 Sequence 9
C 31	16	100.0	87	E10006	E10006 Human HBV P
C 32	16	100.0	87	AX151115	AX151115 Sequence
C 33	16	100.0	87	HPBPREC	HPBPREC
C 34	16	100.0	87	S64971	S64971 (G to A mut
C 35	16	100.0	90	I575619	I575619 precore reg
C 36	16	100.0	94	E12994	E12994 DNA encodin
C 37	16	100.0	94	E12995	E12995 DNA encodin
C 38	16	100.0	94	E12996	E12996 DNA encodin
C 39	16	100.0	94	E12997	E12997 DNA encodin
C 40	16	100.0	99	HPBPRECA	HPBPRECA
C 41	16	100.0	99	HPBPRECB	HPBPRECB
C 42	16	100.0	99	HPBPRECC	HPBPRECC
C 43	16	100.0	99	HPBPRECD	HPBPRECD
C 44	16	100.0	99	HPBPRECE	HPBPRECE
C 45	16	100.0	99	HPBPRECF	HPBPRECF
C 46	16	100.0	99	HPBPRECG	HPBPRECG
C 47	16	100.0	99	HPBPRECH	HPBPRECH
C 48	16	100.0	99	HPBPRECI	HPBPRECI
C 49	16	100.0	99	HPBPRECK	HPBPRECK
C 50	16	100.0	99	HPBPRECL	HPBPRECL
C 51	16	100.0	99	HPBPRECM	HPBPRECM
C 52	16	100.0	99	HPBPRECN	HPBPRECN
C 53	16	100.0	108	SYNECO110	SYNECO110
C 54	16	100.0	114	A18220	A18220 HBV core (a
C 55	16	100.0	114	BD004608	BD004608 Compositi
C 56	16	100.0	129	AX151114	AX151114 Sequence
C 57	16	100.0	131	SYNSV40PR	SYNSV40PR
C 58	16	100.0	150	AF528205	AF528205 Hepatitis B
C 59	16	100.0	150	AF528206	AF528206 Hepatitis B
C 60	16	100.0	150	AF528207	AF528207 Hepatitis B
C 61	16	100.0	150	AF528208	AF528208 Hepatitis B
C 62	16	100.0	150	AF528209	AF528209 Hepatitis B
C 63	16	100.0	150	AF528210	AF528210 Hepatitis B
C 64	16	100.0	150	AF528211	AF528211 Hepatitis B
C 65	16	100.0	150	AF528212	AF528212 Hepatitis B
C 66	16	100.0	150	AF528213	AF528213 Hepatitis B
C 67	16	100.0	150	AF528214	AF528214 Hepatitis B
C 68	16	100.0	150	AF528215	AF528215 Hepatitis B
C 69	16	100.0	150	AF528216	AF528216 Hepatitis B
C 70	16	100.0	150	AF528217	AF528217 Hepatitis B
C 71	16	100.0	150	AF528218	AF528218 Hepatitis B
C 72	16	100.0	150	AF528219	AF528219 Hepatitis B
C 73	16	100.0	150	AF528220	AF528220 Hepatitis B
C 74	16	100.0	150	AF528221	AF528221 Hepatitis B
C 75	16	100.0	150	AF528222	AF528222 Hepatitis B
C 76	16	100.0	150	AF528223	AF528223 Hepatitis B
C 77	16	100.0	150	AF528224	AF528224 Hepatitis B
C 78	16	100.0	150	AF528225	AF528225 Hepatitis B
C 79	16	100.0	150	AF528226	AF528226 Hepatitis B
C 80	16	100.0	150	AF528227	AF528227 Hepatitis B
C 81	16	100.0	150	AF528228	AF528228 Hepatitis B
C 82	16	100.0	150	AF528229	AF528229 Hepatitis B
C 83	16	100.0	150	AF528230	AF528230 Hepatitis B
C 84	16	100.0	150	AF528231	AF528231 Hepatitis B
C 85	16	100.0	150	AF528232	AF528232 Hepatitis B
C 86	16	100.0	150	AF528233	AF528233 Hepatitis B
C 87	16	100.0	150	AF528234	AF528234 Hepatitis B
C 88	16	100.0	150	AF528235	AF528235 Hepatitis B
C 89	16	100.0	150	AF528236	AF528236 Hepatitis B
C 90	16	100.0	150	AF528237	AF528237 Hepatitis B
C 91	16	100.0	150	AF528238	AF528238 Hepatitis B
C 92	16	100.0	150	AF528239	AF528239 Hepatitis B
C 93	16	100.0	150	AF528240	AF528240 Hepatitis B
C 94	16	100.0	150	AF528241	AF528241 Hepatitis B

Chong, K.
091888164
Seq 10 29

C 531	16	100.0	398	14	AB167638	AB167638 Hepatitis	C 604	16	100.0	507	14	AB073441	AB073441 Hepatitis
C 532	16	100.0	398	14	AB167639	AB167639 Hepatitis	C 605	16	100.0	507	14	AB073442	AB073442 Hepatitis
C 533	16	100.0	398	14	AB167640	AB167640 Hepatitis	C 606	16	100.0	507	14	AB073443	AB073443 Hepatitis
C 534	16	100.0	398	14	AB167643	AB167643 Hepatitis	C 607	16	100.0	507	14	AB073444	AB073444 Hepatitis
C 535	16	100.0	401	14	AB169103	AB169103 Hepatitis	C 608	16	100.0	507	14	AB073445	AB073445 Hepatitis
C 536	16	100.0	406	14	AB163782	AB163782 Hepatitis	C 609	16	100.0	507	14	AB073446	AB073446 Hepatitis
C 537	16	100.0	406	14	AB163783	AB163783 Hepatitis	C 610	16	100.0	507	14	AB073447	AB073447 Hepatitis
C 538	16	100.0	406	14	AB163784	AB163784 Hepatitis	C 611	16	100.0	507	14	AB073448	AB073448 Hepatitis
C 539	16	100.0	406	14	AB163785	AB163785 Hepatitis	C 612	16	100.0	507	14	AB073449	AB073449 Hepatitis
C 540	16	100.0	406	14	AB163786	AB163786 Hepatitis	C 613	16	100.0	507	14	AB073450	AB073450 Hepatitis
C 541	16	100.0	406	14	AB163787	AB163787 Hepatitis	C 614	16	100.0	515	14	HBPCOREA	HBPCOREA
C 542	16	100.0	406	14	AB163788	AB163788 Hepatitis	C 615	16	100.0	517	14	HBESB1298	HBESB1298 Hepatitis
C 543	16	100.0	406	14	AB163789	AB163789 Hepatitis	C 616	16	100.0	524	14	AY269124	AY269124 Hepatitis
C 544	16	100.0	406	14	AB163811	AB163811 Hepatitis	C 617	16	100.0	525	14	HBPCOREAG	HBPCOREAG
C 545	16	100.0	406	14	AB163813	AB163813 Hepatitis	C 618	16	100.0	528	14	HBPCOREA	HBPCOREA
C 546	16	100.0	406	14	AB163815	AB163815 Hepatitis	C 619	16	100.0	534	6	A18216	A18216 HBV core 10
C 547	16	100.0	406	14	AB163818	AB163818 Hepatitis	C 620	16	100.0	534	6	A18217	A18217 HBV core 10
C 548	16	100.0	406	14	AB163819	AB163819 Hepatitis	C 621	16	100.0	534	6	E10004	E10004 Human Hbe a
C 549	16	100.0	407	14	AB1691500	AB1691500 Hepatitis	C 622	16	100.0	534	6	BD004804	BD004804 Compositi
C 550	16	100.0	408	14	AY269123	AY269123 Hepatitis	C 623	16	100.0	540	6	BD004805	BD004805 Compositi
C 551	16	100.0	409	14	AY269138	AY269138 Hepatitis	C 624	16	100.0	540	14	AY269114	AY269114 Hepatitis
C 552	16	100.0	417	14	AB163781	AB163781 Hepatitis	C 625	16	100.0	543	14	AB073430	AB073430 Hepatitis
C 553	16	100.0	454	14	S74181	S74181 core protei	C 626	16	100.0	543	14	AB073432	AB073432 Hepatitis
C 554	16	100.0	456	14	AY094580	AY094580 Hepatitis	C 627	16	100.0	543	14	AB073433	AB073433 Hepatitis
C 555	16	100.0	456	14	AY509203	AY509203 Hepatitis	C 628	16	100.0	543	14	AB073434	AB073434 Hepatitis
C 556	16	100.0	456	14	AY509204	AY509204 Hepatitis	C 629	16	100.0	543	14	AB073435	AB073435 Hepatitis
C 557	16	100.0	456	14	AY509205	AY509205 Hepatitis	C 630	16	100.0	543	14	AB073438	AB073438 Hepatitis
C 558	16	100.0	456	14	AY509206	AY509206 Hepatitis	C 631	16	100.0	543	14	AB073440	AB073440 Hepatitis
C 559	16	100.0	456	14	AY509208	AY509208 Hepatitis	C 632	16	100.0	543	14	AB073450	AB073450 Hepatitis
C 560	16	100.0	469	14	AB067454	AB067454 Hepatitis	C 633	16	100.0	543	14	AB073451	AB073451 Hepatitis
C 561	16	100.0	469	14	AB067457	AB067457 Hepatitis	C 634	16	100.0	543	14	AB073452	AB073452 Hepatitis
C 562	16	100.0	470	14	AB067455	AB067455 Hepatitis	C 635	16	100.0	543	14	AB073453	AB073453 Hepatitis
C 563	16	100.0	470	14	AB067458	AB067458 Hepatitis	C 636	16	100.0	543	14	AB073454	AB073454 Hepatitis
C 564	16	100.0	470	14	AB067459	AB067459 Hepatitis	C 637	16	100.0	543	14	AB073455	AB073455 Hepatitis
C 565	16	100.0	470	14	AB067460	AB067460 Hepatitis	C 638	16	100.0	543	14	AB073456	AB073456 Hepatitis
C 566	16	100.0	470	14	AB067461	AB067461 Hepatitis	C 639	16	100.0	543	14	AB073457	AB073457 Hepatitis
C 567	16	100.0	470	14	AB067462	AB067462 Hepatitis	C 640	16	100.0	543	14	AB073458	AB073458 Hepatitis
C 568	16	100.0	471	14	AB067456	AB067456 Hepatitis	C 641	16	100.0	543	14	AB073459	AB073459 Hepatitis
C 569	16	100.0	471	14	AF335747	AF335747 Hepatitis	C 642	16	100.0	543	14	HBPCOREAB	HBPCOREAB
C 570	16	100.0	474	14	AY269122	AY269122 Hepatitis	C 643	16	100.0	544	14	HBPCOREAB	HBPCOREAB
C 571	16	100.0	474	14	AY269130	AY269130 Hepatitis	C 644	16	100.0	548	14	AY382500	AY382500 Hepatitis
C 572	16	100.0	477	6	A22546	A22546 Hepatitis B	C 645	16	100.0	548	14	AY382501	AY382501 Hepatitis
C 573	16	100.0	481	14	HBPA3932	HBPA3932 Hepatitis	C 646	16	100.0	548	14	AY382502	AY382502 Hepatitis
C 574	16	100.0	484	14	S49614	S49614 precocore/cor	C 647	16	100.0	548	14	AY382503	AY382503 Hepatitis
C 575	16	100.0	484	14	S49626	S49626 precocore/cor	C 648	16	100.0	548	14	AY382505	AY382505 Hepatitis
C 576	16	100.0	488	14	AY270537	AY270537 Hepatitis	C 649	16	100.0	548	14	AY382506	AY382506 Hepatitis
C 577	16	100.0	488	14	AY274413	AY274413 Hepatitis	C 650	16	100.0	548	14	AY382507	AY382507 Hepatitis
C 578	16	100.0	488	14	AY274415	AY274415 Hepatitis	C 651	16	100.0	548	14	AY382508	AY382508 Hepatitis
C 579	16	100.0	488	14	AY274416	AY274416 Hepatitis	C 652	16	100.0	548	14	AY382509	AY382509 Hepatitis
C 580	16	100.0	488	14	AY274417	AY274417 Hepatitis	C 653	16	100.0	548	14	AY382510	AY382510 Hepatitis
C 581	16	100.0	488	14	AY274418	AY274418 Hepatitis	C 654	16	100.0	548	14	AY382514	AY382514 Hepatitis
C 582	16	100.0	488	14	AY274420	AY274420 Hepatitis	C 655	16	100.0	548	14	AY382521	AY382521 Hepatitis
C 583	16	100.0	488	14	AY274421	AY274421 Hepatitis	C 656	16	100.0	548	14	AY382522	AY382522 Hepatitis
C 584	16	100.0	488	14	AY274422	AY274422 Hepatitis	C 657	16	100.0	548	14	AY382523	AY382523 Hepatitis
C 585	16	100.0	488	14	AY274423	AY274423 Hepatitis	C 658	16	100.0	548	14	AY382524	AY382524 Hepatitis
C 586	16	100.0	488	14	AY274424	AY274424 Hepatitis	C 659	16	100.0	548	14	AY382525	AY382525 Hepatitis
C 587	16	100.0	488	14	AY274425	AY274425 Hepatitis	C 660	16	100.0	548	14	AY382526	AY382526 Hepatitis
C 588	16	100.0	488	14	AY274426	AY274426 Hepatitis	C 661	16	100.0	548	14	AY382527	AY382527 Hepatitis
C 589	16	100.0	488	14	AY274427	AY274427 Hepatitis	C 662	16	100.0	552	14	AF335744	AF335744 Hepatitis
C 590	16	100.0	488	14	AY274428	AY274428 Hepatitis	C 663	16	100.0	554	14	AV718924	AV718924 Hepatitis
C 591	16	100.0	488	14	AY274429	AY274429 Hepatitis	C 664	16	100.0	555	14	HBPCOREAB	HBPCOREAB
C 592	16	100.0	488	14	AY274430	AY274430 Hepatitis	C 665	16	100.0	557	14	AY269129	AY269129 Hepatitis
C 593	16	100.0	488	14	AY274431	AY274431 Hepatitis	C 666	16	100.0	559	14	AY254507	AY254507 Hepatitis
C 594	16	100.0	488	14	AY274432	AY274432 Hepatitis	C 667	16	100.0	560	6	BD185873	BD185873 A stablil
C 595	16	100.0	488	14	AY274433	AY274433 Hepatitis	C 668	16	100.0	560	6	BD185874	BD185874 A stablil
C 596	16	100.0	488	14	AY274434	AY274434 Hepatitis	C 669	16	100.0	564	14	AY269141	AY269141 Hepatitis
C 597	16	100.0	488	14	AY274436	AY274436 Hepatitis	C 670	16	100.0	573	14	AY221624	AY221624 Hepatitis
C 598	16	100.0	488	14	AY274437	AY274437 Hepatitis	C 671	16	100.0	581	14	HBVNCB	HBVNCB
C 599	16	100.0	493	14	S79556	S79556 X, prec the	C 672	16	100.0	581	14	HBVNCB	HBVNCB
C 600	16	100.0	494	14	AV718679	AV718679 Hepatitis	C 673	16	100.0	581	14	HBVNCB	HBVNCB
C 601	16	100.0	507	14	AB073436	AB073436 Hepatitis	C 674	16	100.0	582	14	HBPCOREAB	HBPCOREAB
C 602	16	100.0	507	14	AB073437	AB073437 Hepatitis	C 675	16	100.0	587	14	HBVNCB	HBVNCB
C 603	16	100.0	507	14	AB073439	AB073439 Hepatitis	C 676	16	100.0	587	14	HBVNCB	HBVNCB

C 677	16	100.0	588	6	A18252	A18252 10aa recore	C 750	16	100.0	639	14	AF157024	AF157024 Hepatitis
C 678	16	100.0	588	6	BD004835	BD004835 Compositi	C 751	16	100.0	639	14	AF157025	AF157025 Hepatitis
C 679	16	100.0	595	14	AB067463	AB067463 Hepatitis	C 752	16	100.0	639	14	AF335738	AF335738 Hepatitis
C 680	16	100.0	609	14	AF289934	AF289934 Hepatitis	C 753	16	100.0	639	14	AF335740	AF335740 Hepatitis
C 681	16	100.0	609	14	AF289935	AF289935 Hepatitis	C 754	16	100.0	639	14	AF335741	AF335741 Hepatitis
C 682	16	100.0	609	14	AF289936	AF289936 Hepatitis	C 755	16	100.0	639	14	AF335742	AF335742 Hepatitis
C 683	16	100.0	609	14	AF289937	AF289937 Hepatitis	C 756	16	100.0	639	14	AF335745	AF335745 Hepatitis
C 684	16	100.0	609	14	AF289938	AF289938 Hepatitis	C 757	16	100.0	639	14	AF335746	AF335746 Hepatitis
C 685	16	100.0	609	14	AF289939	AF289939 Hepatitis	C 758	16	100.0	639	14	AF335748	AF335748 Hepatitis
C 686	16	100.0	609	14	AF289940	AF289940 Hepatitis	C 759	16	100.0	639	14	AF335749	AF335749 Hepatitis
C 687	16	100.0	609	14	AF289941	AF289941 Hepatitis	C 760	16	100.0	639	14	AF335750	AF335750 Hepatitis
C 688	16	100.0	609	14	AF289942	AF289942 Hepatitis	C 761	16	100.0	639	14	AF335751	AF335751 Hepatitis
C 689	16	100.0	609	14	AF289943	AF289943 Hepatitis	C 762	16	100.0	639	14	AF335752	AF335752 Hepatitis
C 690	16	100.0	609	14	AF289944	AF289944 Hepatitis	C 763	16	100.0	639	14	AF335753	AF335753 Hepatitis
C 691	16	100.0	609	14	AF289945	AF289945 Hepatitis	C 764	16	100.0	639	14	AF335754	AF335754 Hepatitis
C 692	16	100.0	609	14	AF289946	AF289946 Hepatitis	C 765	16	100.0	639	14	AF419513	AF419513 Hepatitis
C 693	16	100.0	609	14	AF289947	AF289947 Hepatitis	C 766	16	100.0	639	14	AF419514	AF419514 Hepatitis
C 694	16	100.0	609	14	AF289948	AF289948 Hepatitis	C 767	16	100.0	639	14	AF419515	AF419515 Hepatitis
C 695	16	100.0	609	14	AF289949	AF289949 Hepatitis	C 768	16	100.0	639	14	AF419516	AF419516 Hepatitis
C 696	16	100.0	609	14	AF289950	AF289950 Hepatitis	C 769	16	100.0	639	14	AF419517	AF419517 Hepatitis
C 697	16	100.0	609	14	AF289951	AF289951 Hepatitis	C 770	16	100.0	639	14	AF419518	AF419518 Hepatitis
C 698	16	100.0	609	14	AF289952	AF289952 Hepatitis	C 771	16	100.0	639	14	AF419519	AF419519 Hepatitis
C 699	16	100.0	609	14	AF289953	AF289953 Hepatitis	C 772	16	100.0	639	14	AF419520	AF419520 Hepatitis
C 700	16	100.0	609	14	AF289954	AF289954 Hepatitis	C 773	16	100.0	639	14	AF419521	AF419521 Hepatitis
C 701	16	100.0	609	14	AF289955	AF289955 Hepatitis	C 774	16	100.0	639	14	AF419522	AF419522 Hepatitis
C 702	16	100.0	609	14	AF289956	AF289956 Hepatitis	C 775	16	100.0	639	14	AF419523	AF419523 Hepatitis
C 703	16	100.0	609	14	AF289957	AF289957 Hepatitis	C 776	16	100.0	639	14	AF419524	AF419524 Hepatitis
C 704	16	100.0	609	14	AF289958	AF289958 Hepatitis	C 777	16	100.0	639	14	AF419525	AF419525 Hepatitis
C 705	16	100.0	609	14	AF289959	AF289959 Hepatitis	C 778	16	100.0	639	14	AF419526	AF419526 Hepatitis
C 706	16	100.0	609	14	AF289960	AF289960 Hepatitis	C 779	16	100.0	639	14	AF419527	AF419527 Hepatitis
C 707	16	100.0	609	14	AF289961	AF289961 Hepatitis	C 780	16	100.0	639	14	AF419528	AF419528 Hepatitis
C 708	16	100.0	609	14	AF289962	AF289962 Hepatitis	C 781	16	100.0	639	14	AF419529	AF419529 Hepatitis
C 709	16	100.0	609	14	AF289963	AF289963 Hepatitis	C 782	16	100.0	639	14	AF419530	AF419530 Hepatitis
C 710	16	100.0	609	14	AF289964	AF289964 Hepatitis	C 783	16	100.0	639	14	AF419531	AF419531 Hepatitis
C 711	16	100.0	609	14	AF289965	AF289965 Hepatitis	C 784	16	100.0	639	14	AF419532	AF419532 Hepatitis
C 712	16	100.0	609	14	AF289966	AF289966 Hepatitis	C 785	16	100.0	639	14	AF419533	AF419533 Hepatitis
C 713	16	100.0	609	14	AF289967	AF289967 Hepatitis	C 786	16	100.0	639	14	AF419538	AF419538 Hepatitis
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ALIGNMENTS

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VERSION	A66874.1	GI:4538245			
KEYWORDS	unidentified				
SOURCE	unidentified				
ORGANISM	unclassified.				
REFERENCE	1 (bases 1 to 16)				
AUTHORS	Scuyver, L., Rossau, R. and Maertens, G.				
TITLE	METHOD FOR TYPING AND DETECTING HBV				
JOURNAL	Patent: WO 9740193-A 41 30-OCT-1997;				
FEATURES	INNOGENETICS NV (BE)				
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Indels	0;	Gaps	0;		
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DEFINITION	Sequence 48 from patent US 5646262.				
ACCESSION	155199				

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SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

155199.1 GI:2476402
Unknown.
Unclassified.
1 (bases 1 to 16)
Korba,B.E. and Gerin,J.L.
Antisense oligonucleotides against hepatitis B viral replication
Patent: US 5646262-A 48 08 -JUL-1997;
Location/Qualifiers
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ORGANISM
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AUTHORS
TITLE
JOURNAL
FEATURES
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AR271346
Sequence 48 from patent US 6503533.
AR271346
AR271346.1 GI:29702721
Unknown.
Unclassified.
1 (bases 1 to 16)
Korba,B.E. and Gerin,J.L.
Antisense oligonucleotides against Hepatitis B viral replication
Patent: US 6503533-A 48 07 -JUN-2003;
Location/Qualifiers
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RESULT 4
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DEFINITION
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VERSION
KEYWORDS
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REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

AR488376
Sequence 41 from patent US 6709812.
AR488376
AR488376.1 GI:47254428
Unknown.
Unclassified.
1 (bases 1 to 16)
Stuyver,L., Roseau,R. and Maertens,G.
Method for typing and detecting HBV
Patent: US 6709812-A 41 23 -MAR-2004;
Location/Qualifiers
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DEFINITION Sequence 49 from Patent WO9740193.
ACCESSION A66882
VERSION A66882.1 GI:4538253
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Stuyver, L., Rossau, R. and Maertens, G.
TITLE METHOD FOR TYPING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 49 30-OCT-1997;
INNOGENETICS NV (BE)
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Db 1 AAAGCCACCAAGCA 16

RESULT 6
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DEFINITION Sequence 22 from patent US 5667974.
ACCESSION I65373
VERSION I65373.1 GI:2481943
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Birkenmeyer, L. and Mushahwar, I.K.
TITLE Method for detecting nucleic acid sequences using competitive amplification
JOURNAL Patent: US 5667974-A 22 16-SEP-1997;
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DEFINITION Sequence 49 from patent US 6709812.
ACCESSION AR488384
VERSION AR488384.1 GI:47254436
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Stuyver, L., Rossau, R. and Maertens, G.
TITLE Method for typing and detecting HBV
JOURNAL Patent: US 6709812-A 49 23-MAR-2004;
FEATURES
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 18;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCAAGCA 16
|||||
Db 1 AAAGCCACCAAGCA 16

RESULT 8
LOCUS I65372 19 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 21 from patent US 5667974.
ACCESSION I65372
VERSION I65372.1 GI:2481942
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Birkenmeyer, L. and Mushahwar, I.K.
TITLE Method for detecting nucleic acid sequences using competitive amplification
JOURNAL Patent: US 5667974-A 21 16-SEP-1997;
FEATURES
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 19;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCAAGCA 16
|||||
Db 1 AAAGCCACCAAGCA 3

RESULT 9
LOCUS I65376 19 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 25 from patent US 5667974.
ACCESSION I65376
VERSION I65376.1 GI:2481946
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Birkenmeyer, L. and Mushahwar, I.K.
TITLE Method for detecting nucleic acid sequences using competitive amplification
JOURNAL Patent: US 5667974-A 25 16-SEP-1997;
FEATURES
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | |
Db 3 AAAGCACCACCAAGCA 18

RESULT 14
LOCUS AR086970 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 7 from patent US 5985662.
ACCESSION AR086970
VERSION AR086970.1 GI:10013736
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Anderson,K.P. and Cowser,T.M.
JOURNAL Antisense inhibition of hepatitis B virus replication
FEATURES Patent: US 5985662-A 7 16-NOV-1999;
source location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | |
Db 3 AAAGCACCACCAAGCA 18

RESULT 15
LOCUS I55196 21 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 45 from patent US 5646262.
ACCESSION I55196
VERSION I55196.1 GI:2476399
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Korda,B.E. and Gerin,J.L.
JOURNAL Antisense oligonucleotides against hepatitis B viral replication
FEATURES Patent: US 5646262-A 45 08-JUL-1997;
source location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | |
Db 1 AAAGCACCACCAAGCA 16

RESULT 16
LOCUS I55198 21 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 47 from patent US 5646262.
ACCESSION I55198
VERSION I55198.1 GI:2476401
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Korda,B.E. and Gerin,J.L.
JOURNAL Antisense oligonucleotides against hepatitis B viral replication
FEATURES Patent: US 5646262-A 47 08-JUL-1997;
source location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | |
Db 6 AAAGCACCACCAAGCA 21

RESULT 17
LOCUS I92344 21 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 5 from patent US 5728518.
ACCESSION I92344
VERSION I92344.1 GI:3936814
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Carmichael,B.
JOURNAL Antiviral poly-and oligonucleotides
FEATURES Patent: US 5728518-A 5 17-MAR-1998;
source location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | |
Db 6 AAAGCACCACCAAGCA 21

RESULT 18
LOCUS AR271343 21 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 45 from patent US 6503533.
ACCESSION AR271343
VERSION AR271343.1 GI:29702718
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Korda,B.E. and Gerin,J.L.
JOURNAL Antisense oligonucleotides against Hepatitis B viral replication
FEATURES Patent: US 6503533-A 45 07-JAN-2003;
source location/Qualifiers
1..21
/organism="unknown"
/mol_type="genomic DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 AAAGCCACCCCAAGGCA 16
      |||
      1 AAAGCCACCCCAAGGCA 16

Db
RESULT 19
LOCUS   AR271345
DEFINITION Sequence 47 from patent US 6503533.
ACCESSION AR271345
VERSION  AR271345.1 GI:29702720
KEYWORDS
SOURCE  Unknown.
ORGANISM
REFERENCE
  1 (bases 1 to 21)
  Korb, B.E. and Gerin, J.L.
  Antisense oligonucleotides against Hepatitis B viral replication
  Patent: US 6503533-A 47 07-JAN-2003;
  Location/Qualifiers
  1..21
  /organism="unknown"
  /mol_type="genomic DNA"

ORIGIN
Query Match      100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AAAGCCACCCCAAGGCA 16
      |||
      6 AAAGCCACCCCAAGGCA 21

Db
RESULT 20
LOCUS   A18804
DEFINITION Oligonucleotide primer.
ACCESSION A18804
VERSION  A18804.1 GI:513425
KEYWORDS
SOURCE  synthetic construct
ORGANISM
REFERENCE
  1 (bases 1 to 23)
  PROGNOSIS OF HEPATITIS INFECTION
  Patent: WO 9114789-A 1 03-OCT-1991;
  Location/Qualifiers
  1..23
  /organism="synthetic construct"
  /mol_type="unassigned DNA"
  /db_xref="taxon:32630"

ORIGIN
Query Match      100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AAAGCCACCCCAAGGCA 16
      |||
      19 AAAGCCACCCCAAGGCA 4

Db
RESULT 21
LOCUS   AR000182
DEFINITION Sequence 13 from patent US 5736334.
ACCESSION AR000182
VERSION  AR000182.1 GI:3962713
KEYWORDS
SOURCE  Unknown.
ORGANISM Unknown.

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REFERENCE      Unclassified.
AUTHORS        1 (bases 1 to 23)
TITLE          Spies,U.
JOURNAL        Nucleotide sequences and process for amplifying and detection of
FEATURES       hepatitis B viral DNA
SOURCE         Patent: US 5736334-A 13 07-APR-1998;
               Location/Qualifiers
               1..23
               /organism="unknown"
               /mol_type="unassigned DNA"

ORIGIN
Query Match      100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AAAGCCACCCCAAGGCA 16
      |||
      23 AAAGCCACCCCAAGGCA 8

Db
RESULT 22
LOCUS   E09725/c
DEFINITION Primer OAL41 for gaining variant DNA fragment(SDM4b) of human
ACCESSION E09725
VERSION  E09725.1 GI:22026354
KEYWORDS JP 1995203972-A/1.
SOURCE  unidentified
ORGANISM unidentified.
REFERENCE
  1 (bases 1 to 23)
  Kinoshita,M., Senoo,T., Fukui,T., Hatama,T. and Shin,T.
  DNA FRAGMENT OF B TYPE HEPATITIS VIRUS
  Patent: JP 1995203972-A 1 08-AUG-1995;
  OTSUKA PHARMACEUT CO LTD
  OS None
  OC Artificial sequences.
  PN JP 1995203972-A/1
  PD 08-AUG-1995
  PF 07-JAN-1994 JP 1994000515
  PI KINOSHITA MORITOSHI, SENOO TAMIKO, FUKUI TAKASHI, HATAMA
  TOORU, PI SHIN TEIKIN
  PC C12N15/09,C12Q1/68,C12Q1/70;
  CC strandedness: Single;
  CC topology: linear;
  CC hypothetical: No;
  CC anti-sense: No;
  FH Key
  FT Location/Qualifiers
  FT 1..23
  FT source /organism='Artificial sequences'.
  FT 1..23
  FT Location/Qualifiers
  FT 1..23
  FT /organism="unidentified"
  FT /mol_type="genomic DNA"
  FT /db_xref="taxon:32644"

ORIGIN
Query Match      100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AAAGCCACCCCAAGGCA 16
      |||
      22 AAAGCCACCCCAAGGCA 7

Db
RESULT 23
LOCUS   AX250613/c
DEFINITION Sequence 9 from Patent WO0168921.

```

ACCESSION AX250613
VERSION AX250613.1 GI:15984357
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Koshinsky,H., Zwick,M.S. and McCue,K.F.
TITLE Compositions and methods for simultaneous detection of multiple
JOURNAL biological entities
Patent: WO 0168921-A 9 20-SEP-2001;
Investigen (US)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 23 AAAGCCACCCCAAGCA 8
RESULT 24
LOCUS 165370 44 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5667974.
ACCESSION 165370
VERSION 165370.1 GI:2481940
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 44)
AUTHORS Birkenmeyer,L. and Mushahwar,I.K.
TITLE Method for detecting nucleic acid sequences using competitive
JOURNAL amplification
Patent: US 5667974-A 19 16-SEP-1997;
FEATURES
source Location/Qualifiers
1..44
/organism="unknown"
/mol_type="unassigned DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 44;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 18 AAAGCCACCCCAAGCA 3
RESULT 25
LOCUS 165371 44 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 20 from patent US 5667974.
ACCESSION 165371
VERSION 165371.1 GI:2481941
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 44)
AUTHORS Birkenmeyer,L. and Mushahwar,I.K.
TITLE Method for detecting nucleic acid sequences using competitive
amplification

JOURNAL Patent: US 5667974-A 20 16-SEP-1997;
FEATURES
source Location/Qualifiers
1..44
/organism="unknown"
/mol_type="unassigned DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 44;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 18 AAAGCCACCCCAAGCA 3
RESULT 26
LOCUS AR000194/c 50 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 25 from patent US 5736334.
ACCESSION AR000194
VERSION AR000194.1 GI:3962725
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 50)
AUTHORS Spies,U
TITLE Nucleotide sequences and process for amplifying and detection of
JOURNAL hepatitis B viral DNA
Patent: US 5736334-A 25 07-APR-1998;
FEATURES
source Location/Qualifiers
1..50
/organism="unknown"
/mol_type="unassigned DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 50;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 23 AAAGCCACCCCAAGCA 8
RESULT 27
LOCUS AR279728/c 61 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 3 from patent US 6518014.
ACCESSION AR279728
VERSION AR279728.1 GI:29714871
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 61)
AUTHORS Seifer,M., Hamatake,R. and Standing,D.N.
TITLE Hepadnavirus cores
JOURNAL Patent: US 6518014-A 3 11-FEB-2003;
FEATURES
source Location/Qualifiers
1..61
/organism="unknown"
/mol_type="genomic DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 61;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 49 AAAGCCACCCCAAGCA 34

RESULT 28
LOCUS 123307/c
DEFINITION Sequence 10 from patent US 5532124.
ACCESSION 123307
VERSION 123307.1 GI:1603177
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 69)
AUTHORS Block,T.M. and Grafstrom,R.H.
TITLE Genetically engineered bacteria to identify and produce medically important agents
JOURNAL Patent: US 5532124-A 10 02-JUL-1996;
COMMENT On Oct 7, 1996 this sequence version replaced gi:1603169.
FEATURES
source
1. .69
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 69;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCAGGCA 16
Db 55 AAAGCCACCCAGGCA 40

RESULT 29
LOCUS AR028629/c
DEFINITION Sequence 12 from patent US 5858732.
ACCESSION AR028629
VERSION AR028629.1 GI:5940602
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 72)
AUTHORS Solomon,N.A. and Bouma,S.R.
TITLE Wide dynamic range nucleic acid detection using an aggregate primer series
JOURNAL Patent: US 5858732-A 12 12-JAN-1999;
FEATURES
source
1. .72
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 72;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCAGGCA 16
Db 33 AAAGCCACCCAGGCA 18

RESULT 30
LOCUS 192348/c
DEFINITION Sequence 9 from patent US 5728518.
ACCESSION 192348
VERSION 192348.1 GI:3936818
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

81 bp DNA linear PAT 01-DEC-1998

REFERENCE 1 (bases 1 to 81)
AUTHORS Carmichael,E.
TITLE Antiviral poly-and oligonucleotides
JOURNAL Patent: US 5728518-A 9 17-MAR-1998;
FEATURES
source
1. .81
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 81;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCAGGCA 16
Db 49 AAAGCCACCCAGGCA 34

RESULT 31
LOCUS E10006/c
DEFINITION Human HBV PreCore gene.
ACCESSION E10006
VERSION E10006.1 GI:2202630
KEYWORDS JP 1995252300-A/14.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1 (bases 1 to 87)
AUTHORS Okamoto,H.
TITLE ANTIGEN FUSED PROTEIN FROM DUCK HEPATITIS VIRUS AND HUMAN HEPATITIS VIRUS AND ITS PRODUCTION
JOURNAL Patent: JP 1995252300-A 14 03-OCT-1995;
COMMENT IMMUNO JAPAN:KK
OS Hepatitis B virus
PN JP 1995252300-A/14
PD 03-OCT-1995
PF 11-MAR-1994 JP 1994079181
PI OKAMOTO HIROAKI
PC C07K19/00,C07K4/02,C07K6/08,C12N7/02,C12N15/09,G01N33/569,
PC G01N33/576;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1. .87
/organism='Hepatitis B virus'.
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 87;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCAGGCA 16
Db 82 AAAGCCACCCAGGCA 67

RESULT 32
LOCUS AX151115/c
DEFINITION Sequence 4 from Patent WO0138498.
ACCESSION AX151115
VERSION AX151115.1 GI:1453317
KEYWORDS

87 bp DNA linear PAT 22-JUN-2001

SOURCE synthetic construct
ORGANISM synthetic construct
other sequences, artificial sequences.
REFERENCE 1
AUTHORS Stuyver, L., Schinazi, R., de Gendt, S., van Geyt, C., Zoulim, F.,
Fried, M., and Roseau, R.
TITLE A new genotype of hepatitis B virus
JOURNAL Patent: WO 0138498-A 4 31-MAY-2001;
Pharmasset, Inc. (US) ; INNOGENETICS N.V. (BE)
FEATURES location/Qualifiers
source 1..87
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 87;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
Db 82 AAAGCACCACCAAGCA 67

RESULT 33
HPBPRC 87 bp DNA linear VRL 02-AUG-1993
LOCUS Hepatitis B virus pre-nucleocapsid protein (C gene) region, 3' end.
DEFINITION M33947.1 GI:329693
ACCESSION M33947.1
VERSION M33947.1
KEYWORDS nucleocapsid protein.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
VIRUSES: Retroviral viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 87)
AUTHORS Okamoto, H., Yotsunoto, S., Akahane, Y., Yamana, T., Miyazaki, Y.,
Sugai, Y., Tsuda, F., Tanaka, T., Miyakawa, Y., and Mayumi, M.
TITLE Hepatitis B viruses with precore region defects prevail in
persistently infected hosts along with seroconversion to the
antibody against e antigen
JOURNAL J. Virol. 64 (3), 1298-1303 (1990)
MEDLINE 9016530
PUBMED 2304145
COMMENT Original source text: Hepatitis B virus DNA.
FEATURES location/Qualifiers
source 1..87
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"
1..>87
/note="pre-nucleocapsid protein"
/codon_start=1
/protein_id="AAA4506.1"
/db_xref="GI:329694"
/translation="MQLFHLCLILSCSCPTQVASKLGLMG"

CDS
variation 2 /note="c in wt; c in mutant (b)"
variation 3 /note="g in wt; a in mutant (c)"
variation 12..13 /note="tc in wt; ttc in mutant (f)"
variation 26..27 /note="tc in wt; ttc in mutant (e)"
variation 83 /note="g in wt; a in mutant (a)"
variation 86..87 /note="gc in wt; ca in mutant (d)"

ORIGIN
Query Match 100.0%; Score 16; DB 14; Length 87;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
Db 82 AAAGCACCACCAAGCA 67

RESULT 34
S64971/c 87 bp DNA linear VRL 26-OCT-1993
LOCUS HBV, Genomic Mutant, 87 nt.
DEFINITION {G to A mutation at residue 83, precore region} [hepatitis B virus
S64971
ACCESSION S64971.1 GI:409521
VERSION S64971.1
KEYWORDS Hepatitis B virus
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
VIRUSES: Retroviral viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 87)
AUTHORS Yoshida, M., Sekiyama, K., Iwabuchi, S., Takatori, M., Tanaka, Y.,
Uchikoshi, T., Okamoto, H., Inoue, K., and Sugata, F.
TITLE Recurrent fulminant hepatic failure in an HB carrier after
intensive chemotherapy
JOURNAL Dig. Dis. Sci. 38 (9), 1751-1755 (1993)
MEDLINE 93365357
PUBMED 8359090
REMARK Genbank staff at the National Library of Medicine created this
entry [NCBI githbg 136879] from the original journal article.
FEATURES location/Qualifiers
source 1..87
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"

ORIGIN
Query Match 100.0%; Score 16; DB 14; Length 87;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
Db 82 AAAGCACCACCAAGCA 67

RESULT 35
S75619/c 90 bp DNA linear VRL 05-MAY-2003
LOCUS precore region: precore, core [hepatitis B virus HBV, host-human,
S75619
DEFINITION S75619
ACCESSION S75619.1 GI:914014
VERSION S75619.1
KEYWORDS Hepatitis B virus
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
VIRUSES: Retroviral viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 90)
AUTHORS Yeh, C.T., Chiu, C.T., Tsai, S.L., Hong, S.T., Chu, C.M., and Liaw, Y.F.
TITLE Absence of precore stop mutant in chronic dual (B and C) and triple
(B, C, and D) hepatitis virus infection
JOURNAL J. Infect. Dis. 170 (6), 1582-1585 (1994)
MEDLINE 95088443
PUBMED 7995999
REMARK Genbank staff at the National Library of Medicine created this
entry [NCBI githbg 161193] from the original journal article.
COMMENT Region: precore region
FEATURES location/Qualifiers
source 1..90
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"
1..>90
/gene="precore"
1..>90 /gene="precore"

gene
CDS

CC hypothetical: No;
FH anti-sense: No;
FH Key Location/Qualifiers
FT source 1..94
FT replace(83,'g') /phenotype='wild type'.
FEATURES
source
1..94
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 94;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 AAAGCCACCCAGGCA 16
|||
Db 69 AAAGCCACCCAGGCA 54
|||
RESULT 39
E12997 94 bp DNA linear PAT 27-APR-1998
LOCUS E12997/c
DEFINITION DNA encoding Pre C region of Hepatitis B virus.
ACCESSION E12997
VERSION E12997.1 GI:3251821
KEYWORDS JP 1997121862-A/6.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
Virus; Retroviruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 94)
AUTHORS Kinoshita, M. and Katsuragi, T.
TITLE HUMAN HEPATITIS B VIRUS DNA
JOURNAL Patent: JP 1997121862-A 6 13-MAY-1997;
OTSUKA PHARMACEUT CO LTD
OS Hepatitis B virus
PN JP 1997121862-A/6
PD 13-MAY-1997
PF 02-NOV-1995 JP 1995285699
PI KINOSHITA MORITOSHI, KATSURAGI TOSHINORI
PC C12N15/09, C07H21/04, C12Q1/68, G01N33/569, G01N33/576, C12N15/09,
PC C12R1.92;
CC strandedness: Double;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No; Location/Qualifiers
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DEFINITION Hepatitis B virus type1 precore protein (pre-C region, C) gene, 5' end.
ACCESSION M76687
VERSION M76687.1 GI:485341
KEYWORDS e antigen; precore protein; tolerogen.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
Virus; Retroviruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 99)
AUTHORS Santantonio, T., Jung, M.C., Miska, S., Pastore, G., Pape, G.R. and Will, H.
TITLE Prevalence and type of pre-C HBV mutants in anti-HBe positive carriers with chronic liver disease in a highly endemic area
JOURNAL Virology 183 (2), 840-844 (1991)
MEDLINE 91306476
PUBMED 1853582
COMMENT Original source text: Hepatitis B virus DNA.
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Job time : 6744 secs

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